

⑦ FARLOW - NOTEBOOK, notes on
fungi (in Europe?)

⑥ FARLOW - NOTEBOOK

Notes on Specimens (Algae?)



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L. CHAMOUIN
76 Rue de Richelieu, 76

Literary. Jardin
des Plantes.

Linn. Observations.

The part I have
is part I. 1809.

The part II 1816.

Has 20 pages in-
cluding genera of
Uredineae. There
are six figures
forming part of
Plate I. of no
consequence.

For plates of
Paulet ed. I. and
Buckley, see letter
of Bouché.

Garden des Plantes
examination of
crustal alga. de
Guadeloupe

27. *Ceramium*
strictoides. Can
this be young
C. Howardianum?

29. *Ceramium*
nodiferum
looks like *C.*
arachnoidum

58. *Grateloupia*
Cultivata
= *C. Gibbesii*

64. *Acropeltis*
clavata, look like

3 a. *Corallopsis*
or *Cardylecladia*

72. *Chrysomena*
obovata = *C. obovata*.

69. *Lehimetmanina*
Ballei & *Alsidium*
Blodgettii.

Gymnophloea
canariensis (Mont.)
Kg. in alg. Guadel
no. 48. 90 ~~th~~
Coracilaria ~~confertifolia~~ !!

no. 57. *Grateloupia*
spinulosa Alg.
Guad. 90 ~~th~~ the

little species looking
like a small
Eupatorium from
California or
Santa Cruz M.D.?

Chrysomela
dichotoma - *flobellata*
= *Halymenia*
deeperensis

Myrshodea *Chromium*
looks like a
Eucheuma

Myrshodea *Quar-*
delupensis &
M. polyacantha
are they not the
same?

Grudea littoralis
looks like a
Gelidium.

Kallymenia
Lin münzi looks
like a *Conosticta*
reniformis.



no. is a *Gelidium*
acc. Borneo but
not *G. dichotome*

Not correct

~~Syringodium in
Hohenacker &
a phaeogam~~

~~Corallina subulata
Jamaica. C. polydora
is Pacific.
C. plumifera &
C. trichocarpa
Bourne & others
are synonyms
of C. subulata.~~

~~Colaxaura
Pitcairnia &
a Holymenia
according to Bourne
and others not~~

~~seem to be
mentioned any
where in print
as anything but
Galax. Pikeana.~~

~~Sphaecularia
compacta from
Mexico is
a form of Ectocarpus
compactus (Pylaeus)~~

~~J. S. Hooper, Yes
Introduction to
algology Oct. 1854
mixed?~~

~~Gymnophloea
canariensis Cr.
= Gracilaria conferta~~

Bornet has
no *Crossocarpus*
nor *Glaciophelia*
furcata.

~~*Gracilaria obtu-*
angula Cru. &
C. brachyplachos Cru
= *C. conperuata*.~~

~~*Gracilaria margi-*
nata W. rosen Cru
seems to be *Grac.*
Blodgettii.~~

My *Gracilaria*
cervicornis from
Mrs. Curtis &
probably *adusta*.

Desmia Horne
Manni, Gracilaria
Parker (in part)
of G. Kernmense
of G. ramulosa
of Cr. Guadel.

are G. cervicornis
G. caudata is put
by some in
G. cervicornis

My best forms
of Gracilaria
are G. cervicornis

~~Thalassococcus ramulosus~~
~~Mont. in Herb. Mont.~~
are G. cervicornis

The Callophyllis
-like Gracilaria
from Ashimall
may be Grac. dentata.

Grac. chondramorpha
G. chondryoides
G. corticata of
Cru. Alg. Gaard are
G. multipartita.

~~Placunia dichotoma
flabellata Brun. said
by Agardh to be
a Chrysomenia
are not Chrysomena
see specimen in
Herb. Bonnet~~

Small conceptacles
of Cracilaria
Modzetteae to
Barnet.

57

Bouché,

~~The fungus on
Abies balsamea
Vermont. Fringle
is Pithya vulgaris~~

Examine my
plate of Agaricus
Rocquand to see
whether it is
not a Chitonina
like C. Piquonii
Bouché in Bull
Soe. Mus. XVII,

Herb. Agardh.

Rhodomela
subfresca. Under
this are specimens
from Newfoundland
marked *Ceramium*
fasciculatum
de La Pyl. & Cl.
(Boerrii?)

no. 184. Alg. Am.
Box. *Rhodomela*
subfresca &
the *R. tenuissima*
Ungava Bay

are put outside
the R. substance
cover. 2y. Did
Agardh think
there was
doubt about
~~these two~~
specimens?

alg. amber. no 7
R. Larix & no.
185. R. floccosa
are right.

Adoultalea
Lyallii (Stratton
no 7.) with an Ulva.

at home and my
22, Oregon are
just like *A. Lyallii*.
There is only one
other specimen
of this species.

A doubt about Aleutian
specimens all
look and not
characteristic.

Atomaria (stacei
Kapp.) a synonym
of this *A. Aleutica*
judging by specimens
is near *A. Lyallii*.

Odonthalia Kamt-
schateri & *angustifolia* the same
species, rather
broader and flatter
than *alutica*.

My 33. Oregon
marked *Odont*,
corymbifera is
put in *O. semi-*
costata

The narrow
Canadian *Odontha*
is kept by Agardh
in *O. dentata*.

My *Acanthopora*
muscade &
A. hierii!

Cyclopora Curtissiae

Two specimens.

I have never seen
it before. Specimen

small looking a
little like a *Grate*
Coarctia irregularly
branching with
marginal *Microphylo*
On specimens is
marked *Chondro*
sp. nov. prox.
C. foliiferae

Mrs. Curtis - dense
branching *terrestris*
Bryothamnion
is called *B. Leu-*
zanthii var. *infructuosa*

E. Palmeri 24,
Gnolean River
is Bryactamnia
Leaforthi.

under Lophothalia
Yumanowiczii
is a Dasys like
D. elegans from
Mrs. Hall.

Compare the delicate
Dasys something
like D. elegans
but small with
Lophothalia ~~trich-~~
cloos.

compare Amanu
Melvillean
with my Sandwīt
Isd. alga (not
amanu's glaucous
but the dark form)

Vidua olivacea
Florida. Mr. Curtis

To my Isaya
Berkeley from
Kerguelen Isd.
night.

Okamura no. 25
Isaya scoparia
but no doubt per

Mus. Hall's
Dasya no 6^a

Dec. 1897. Key West
has no name
Mus. Hall 16. Nov. 97
Key West is
marked ~~Dasya~~
Wardmanianus
trop.

Mus. Hall no 4,
small form
looking like
a Rhachocharta
is marked ~~Dasya~~
acellata.

75 ~~Dasya elegans~~

No. 6. Hall Jan.
198 looks like
Dasya elegans

No. 9. 2 specimens
March & April
197 marked
an sp. nov.

Dasya Cronquisti!
a dasya looking
like the common
soft form of
D. elegans from
Mrs. Curtis
marked Dasya
pedicellata

Dasya subsecunda
No. 131. Alg. Am. B.!

Dargy corymbifera
Curtis. Florida!

The large *Dietzura*
from Florida is a
very large
case without
name but in
the *D. occidentalis*
cover are several
somewhat

smaller specimens
from Florida and
there is a large
specimen from
Herb. S. H. Gray
Mr. G. without
name

Halymenella
argentea Harv.
of *meristotheca*
populosa

Dasya pacifica.
Only one specimen
in Herb. Arguth.
from Harv. & mealy
Isol. Alga. which
does not look
like what I
call *D. pacifica*.

Asparagopsis
Laubendiana (?)
from Landditch
Island, is not
named by Arguth

Is my *Ptilonia*
Magellanica from
Kerguelen not
Ptilonia australis.

In Lomentario
cover specimen
19417 from Mrs
Curtiss marked
"a *Chylocladia*
Bailejana differt
filis nullis
evidentia Contractis.

a very large
Mardenia Pavorina
from Mr. Hall,
L. Coriola.

my *Sauderia*
Bel. Montezuma
is not *M. auctata*
or *M. denticulata*.
Can it be *M. elegans*
which it resembles
Bower has

Spizidion Melvilli
appears to be *L.*
filamentosa
var. refracta Ham.

Spizidion ceram-
oides of Mrs. Curtis
same as in Agardh's
Herb.

Larophyllis (*Chry-*
menes) *edulis*. Japan
N. Pac. Exp. is kept
in cover by itself
next to *L. edulis*,

Larce Myllis Californian
My specimens
sent from Oregon
(an *Californian*) to
Agardh are black
and thick. Mrs.
Hall's specimens
are larger, redder
and thinner.

Cystoclonium
*gracilaria*ides,
One specimen only
from Horner. I do
not see why it
might not be
a *Phaeobrya*
Caulerpa.

Cystoclonium
capillare from
Kamtschatka has
the habit of a
Hypnea, & it
really a *Cystoclonium*
Meristotheca Du-
chassaingii from
New Caledonia is the
same from N.C.
Papilla occasionally
branched.

Carpococcus
axlonicus which
looks like a *Meris-*
totheca may be
in my herbarium
Rhabdonia mixta
Specimen from

Florida, Harlan
10(12) holot
broad like *Gracilaria*
multipartita, speci-
mens from Mrs
Curtis are narrower,
Put in cover
marked *Rhodelaria*
mixta but at
bottom sheet is
written "*Halysaena*
sp."

Rhodelaria dura
Zan. var. *gracilis*
Crouan. put by Agardh
in cover of *R. tenera*
looks like what I
call *Solieria chondale*;

Eucheuma nudans.
Only three specimens
in Herb. Acadh;
one my Landwehr
Red. algae; one
from Mrs. Bingham
California which
looks like *Rhod-
donia Caulteri*;
and one poor
specimen from
Herb. Bieder.

My *Eucheuma* *
spinosum,
No. 21,
is marked *Euch.
jugatum*

no. 46^a. Palmer
Cedar Keys 1874
is *Eucheuma acm-*
thoelacum.

Eucheuma Gelidium *
from Mrs. Curtis
is somewhat
flattened with
shiny margin like
Mychrodea Grote-
boepensis Gr.,
which is put
with it.

My *Eucheuma* *
Gelidium? Lant
Cruz N. G., no. 22
is *Eucheuma thraumia*

One specimen of
Echeuma echin-
carpum from Mrs.
Curtis is flat
with lobes of
Chondrus crispus.
Another specimen
is very different
and papillae on
margin are long
and pointed.

Calosiphonia
californica. n. sp.
Nemastoma.

The large plant
from Beruola
is supposed to be
Dudresnaya

purpurifera is
Glossosiphonia
Caribaea.

Cryptosiphonia
Modi, Yms
specimens only and
fragmentary, axes
with a few irregular
branches clothed
or almost holed
with short trawels

The *Cryptosiphonia*
I sent as *C. Grayana*
from Santa Cruz May
1885 marked by
Agardh as not

examined but
having the habit
of Pikea.

Cryptosiphon
Grayana. One
specimen and a
rod on glass
which looks like
Agardh's plate
but hardly like
my plant last
examined.

Halosaccion
intusum Leuckh.
Kjellman file
Kjellman is the
large Halosaccion
collected by Lemmer.

Harlowia compressa is 28 Aly.
Am. Bot. & Anderson
58, certainly.

Harlowia crossa
is certainly my
Oregon alga.

Harlowia phyllophora
is my *Kallymenia*
californica



Naccardictyon of
Florida put
in cover of *Specme-*
tham nion ~~cover~~
Flouidnam.

Naccardictyon
bosa. Mrs. Hall.
Resembles a
Dasya in habit
and may be in
my Dasya cover

Megastictia
Californica
My no. 20. Cleveland
also my (14) ~~also~~
H. Hall. ~~also~~
must be the same

20 is



Chondrus affinis

Agardh herb

Here no 147

Chondrus canaliculatus Ag. Am.

Bay. May 14

Chondrus platygamus

Algae Celeris

put here also
a small *Chondrus*
from Mrs. Bidgden
and a Californian
alga by Döring.

No Harveyan
specimen of
C. affinis in
Herb. Agardh.

In *Chondrus*
canaliculatus
are no Californ.
specimens. The
type specimen
of *C. canaliculatus*
of Agardh is not

Much canaliculate
and only a
fragment about
2 inches long.

The other
specimens are
from Chili and
look like
C. crispus and
some are not
canaliculate
at all.

In *Chondrus*
plateyus are
like the small
Sandwich Isd

Chondrus; also
the Chondrus
crispus, or
polycaepus and
alter C. crispus
of Morelet.
There is also
in corner of
Chondrus platyus,
a sheet with
specimens
from Newfoundland
Caud de la Pylain

There are no
Americana
specimens in
corner of
Rhodoglossum

In Britton
Membranaceo
is my "O, Santa
Cruz, California
referred to
Rhodoglossum
lutescens,
with the note
"Planta quam
ob habitum Rhod.
lutescens putavi
ex Santa Cruz, Calif.
a Karlowitrium
specimen vidi
fructibus immens
ad structuram in
quibus tantum

Cystocarpia
Recognoscere
credidi nec solos
sphaerospores
in ... videtur. This
plant of mine
is rather shiny
rosy-purple; one
specimen forked,
the other lacinate.
Specimens from
Valparaiso named
by Harvey Grate-
C. luteræ
are put by A
in Grid. Membran.
There is also a specimen
from Anderson by

me put in. Dryd.
membranace. These
were rather thick
narrow stipate
clustered ponds
of a colour like
blue.



Girdaen angustini
in Herb. Ag. no better
than an mine.

Under *G. cordata*
agardh photo my
125 (laminarioids)
alg. Am. Bor. and
all the large
G. laminarioids
as I call it.

Priddia minima J. Ag.
only 1 specimen
California. Dangles
dark brown.



Under *Gridaea*
laminaroides are
narrower forms
from Chili including
the var. *cornu-*
micoides. No
specimens from
Chili found in
cover of *laminaroides*.

Grid. micans. No
better than mine.

Gridaea laciniata
(*G. laminaroides* ^{Gr.} ^{Boys?})
represented only
by Hohenacker
289.

"*Sphaerococcus*
Lessonii, ded.
& 'Urville' which
is put under
E. contorta
looks just like
E. cuneolobata.

Manillaria
verrucosa var.
Unaluschensis
Ruber. Compare
this with *Saunders*
small *Chondrus*
from Alaska which
it resembles in
shape and size
The Ruber ~~algae~~
has papillae.

Egizartus volans
is correctly named
but C. Agardh's
type is not in
the cover of *E. volans*
and apparently
is lost.

Egizartus mollis.
There is no type
specimen from
Harvey or Phil. Agardh.
The two specimens
are from Eaton and
me. New Hill
San Diego 1877 sent
by Eaton as *E. gelat-*
inosus Ag.? This is
the narrow much

branched dirty
yellow more or
less complanate
when dried.

Gig. leptorhyncha
#79. Alg. Am. Bor
G. microphylla
Harriada. M.B.

Under his
Gig. gelatinosa
Agardh has 2
specimens from
Haenke, China,
marked *G. mollis*
H. & H.?

~~Under~~ *Eg. armata*
are all the large
E. microphylla
(*Mastigocarpus*
Harveyanus) but
no. 124 *Alg. am. Bon*
which I am assured
to be *E. spinosa*
is put by Agardh
~~as~~ *E. armata*. Perhaps
specimens 124
in *Alg. am. Bon* are
not all the same.

Eg. aspenifolia.
1 specimen only
from Mrs Budgdon

is the same as
E. armata whatever
that species may
be called.

Eizantia cana-
liculata includes
Sphaerococcus
Lindleyanus J. Ag.
Synth, Monterey
Cal., E. Gardner.

Eizantia Batrach-
opus is the narrow
mamillate form
from San Juan
E. Palmer 1876, also
Mamillaria verrucosa
Michxoliana R. & S.

Actinoptera Falcata



Gigartina Canifer-
Micro includes
122 Alg. Am. Bor.
and a specimen
from Mrs. Cooper

Gigartina micro-
phylla retains
123 Alg. Am. Bor.
and several
other specimens

Gigartina
Binghamii is
only *G. Rodula*
large and young
with papillae
just forming

Gigartina
catenata is
the broad form
of the type of
G. mamillosa
of Pacific Coast.

Gigartina
exasperata,
specimens all
large coarse
G. normal
collected by
Berggren.

Gigartina *gordini*
and *G. papillosa*
hardly to be dis-

tinguished from
each other in
Herb. Azorh. The
type of *G. Gardineri*
is a poor and
almost worthless
specimen from
Monterey Garden,
and there are
much broader
forms from
Beyrout and
also very narrow
forms of *G. mon-
ilosa* long and
narrow.

Gigantia papillata

is even more
mixed. Beetle
forms from Mrs.
Bingham and
Anderson (the
latter broad,
flat, purple
mammillose
form) there is
one specimen
from "Miss
Atteridge"
Kornmann.

My *Amblystoma*
dechloris from
Lancaster, Kansas
is *A. cerisea*.

Gymnogyne
leptophyllus
= 22 *alg. Am. Bar.*

Kallymenia
~~Born to~~ 2 spec-
imens from South
Barbados and 1
from Florida. The
latter seems to
me doubtful.

Kallymenia
Perryi. A spec-
imen from the
Femur (Dicker)
is darker and
thicker than
my specimen

Kallymenia
(*Grieco*) *ornata*,
2 small specimens
from Kupreuk
only in Herbar
agradh.

The Florida
Kallymenia
is kept with
Xeniformis
most of it.

Under *Callophytho*
gracilariales
is but one
specimen.

sent as *Chondrus*
idulgy mus & Alg.
Alus mauve,

Callophyth
furcata has
127. *Algyan,*
San. & D. adnoveh.
Santo Barbara
1875 also other
specimens.
Whether my
old description
belongs here as
agardh says
seems to me doubtful

In *Callophylla*
obtusifolia
is the single
type specimen
and one of
my parents.

Callophylla
lobellulata
Harvey specimens
rather eulthous-
-like in habit.
The Santa
Barbara speci-
mens may be
that but are

more like
C. variegata.

Calliophyllum
violaceum has
128 Alg. Am. Bar.
(called *locumtato*)
and a lot of
other forms
some with
pink, some
violet color. In
general like
furcata but
more *lobellate*.

Call. variegata
no. 126 Alg. Am. Bar.

Ozophora
californica
ay Herb. Gray
"canities in
rocks. Amakuch
Islet, Unalaska
March 10. 1872.
also another
specimen. See
my piece from
Herb. Gray.

Crossocarpus
lanceatus.
No Ruprecht
specimen in

Herb. Grayi,
2 specimens
Golden Gate
(Berkeley)
and one Wood,
Vancouver Id.

Erythronium
albescens D. Don

Only a part
of a sterile
specimen

Vancouver,
Herb. J. E. Gray,
all are *Erythronium*
albescens

is put in
Polyneura Californica

Glaucopelte
furcata. Only
a very little
from Ruprecht
In this cover
is put G.
californica Harm
but it does
not look at
all like the
Ruprecht
plant

Chrysomenia
dolichopoda
is a mixture
including
Santo Barbara
young Chrysom
pseudo-dictyo
oma (Lomentaria)
sparsifolia
G. Ag. Msc.) also
Chrysomenia
spicata mature
Lampello
and 150 ally
am. Bor. Inletum

River Chys,
Uvaria ~~at~~ ...
What is the
Erythrocytes
California
Mason's
included here
by Gardner ~~at~~

Chrysomelids
Gardneria
Cat of fragments
under and a
type specimen
of Harvey.

Chrysomelid*
~~Curtisiana~~
Only one large
pallid yellow
plant spotted
with ~~lanceolate~~
covering a whole
sheet. Lornow but
~~complete~~ at base
with short
distinct ethe,
a few more or
less ~~old~~ etates.

Hymenophyllum
dichotoma,
Agardh has a
specimen of
Scinaria fucellata
from Mrs. Curtis
and Mrs. Hall,
mark *Hymenium*
dichotoma. It
is the common
form of *Scinaria*
not the undulate
N.B. I examined
the Curtis
specimen with
fruit microscope

and it is
certainly
Scinaea.

Cryptomeria
obovata is wght
in my herbarium

Halimena
lobellata is
Halimena decipiens
80. Alg. Am. Bor.

Halimena
decipiens has
only one specimen
which looks like
80. Alg. Am. Bor.

The specimen
is probably
from Calvesa,

Holymena
spatulata
includes my
H. Florencia
from Bermuda
and fragmentary
pieces from
Mr. Curtis's,

No Californian
specimens in
Beckes collection

Hymen
angusta is
a mixture;
Two specimens
are *Scindara*
from Mr. Hall
The rest
seem to be
H. decipiens

Hymen
trigona var
~~*tetragonoloba*~~
Mr. Curtis
is what I
have supposed

to be rather
attenuate
wrinkled hairy
deciduous which
looks a good
deal like
Newastoma.

Toxid algae
no 10. Taylor
Gyratecous
prolongato.

Gyratecous
versicolor,
Only two small
non specimen

from Lichmann

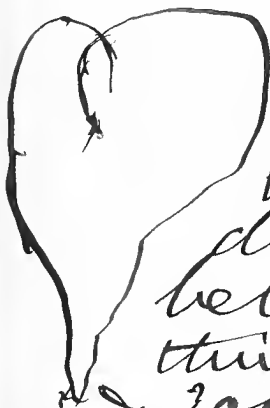
Grateloupia
cuneifolia
La Cuyra.

Only 4 pieces
which may
or may not be
Grat. Gibbesii

Grateloupia
undulata
seems to me
same as
Grat. Gibbesii

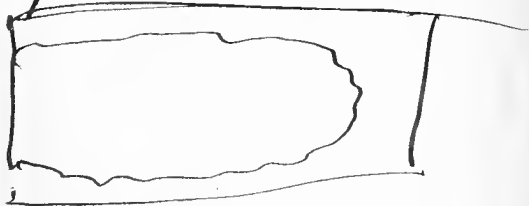
~~all the~~ Grats.
Cut ~~en~~ are
from California
& L. America

Callisia
Harrow 17,



$\frac{1}{2}$ nat.
size.
thick
dark
below
thinner
& rosy above.
18. Lact. & album
Diameter of

which Agardh
has lower
half of specimen
15. Farlow;
Agardh has
right half
of specimen



$\frac{1}{4}$ not given.

Prorocentrum gibbata
= *Gelidium*
crassifolium Kütz.

Priorites lanceolata
and var. *angusta*
and *Priorites*
Andersoni kept
as I do. & f .
P. Hyalii only
one large rather
broad specimen
from Harvey.

Schizomenia
Mertensiana
no better than
mine.

Schizomenia
Büchleri, Harbor
16. California

Nemastoma
ceruicornis,
Bermuda, kept
in ceruicornis
cover.

My *Halymenia*
denticulata, Maurice-
au 23, is *Halymenia*
denticulata,

Halymenia. The
narrow pinnulated
forms put by
me in *H. floccosa*
are kept there
but the larger
rather dentate
forms from
floccosa are put

in H. Thuidium

Ptiloto Californicum
(said to include
P. hypnoides)
but there is
also a cover
for *P. hypnoides*,
P. Californicum
cover includes
my *P. hypnoides*
in alg. Am. Har.

Crammum
divaricatum
Crosby No. a
New York
specimen (Hooker!)

as *C. aeneovirens*
var. patentissim
and one from
Newburyport
(as *aeneovirens*)
short coarse &
divaricate

My *Ceranium*
Deslonchampsii
is kept in *Des-*
lonchampsii
and in cover of
C. Hooperi is a
single specimen
from Hooper.

Ceramium
zebrinum &
Centrocera
Ectocarpus.

There is a
Ceramium strictum
from Florida
in Herb. Acad.

Mrs Curtis / 6
is put in Cer
diaphanum
but it is my
strictum.

Ceramium
californicum
& Aug 31. 1852.

Am. Bar. or
C. diaphanum

Ceramium
flavescens
is right?

Microcladia
californica is
kept distinct
by Agardh. Mr.
Cullen is the
flat two-note
form.

Microcladia
borealis resembles
C. obsoletum
in habit in bearing

but is a
Microcladia

under *Ceraminum*
flexuosum K.
is a specimen
called at
first *Ceraminum*
cancellatum
Marked Florida
Curtis. It is
evidently from
California
and is *Micro-*
cladia californica

Ceraminum
cancellatum
from the Lake

I cannot well
distinguish
from *Microcladia*
~~Californica~~

Gracilaria
confused with all
the large Californ-
ian alga sub
here and also
Flourensia forms.

G. compressa *
includes my
G. multipartita
and *astissima*
and a *Flourensia*

specimen.

Gracilaria

(specific name
I have forgotten
to take note of
no name spec
imen)

Gracilaria

Norightia
Downing's Norightia
is this

The greenish
more or less
tangled Gracilaria
from Mauritius
25x is Gracilaria ^{disticha}

Gracilaria
coccinifera
Barbadoensis
Floridan

Gracilaria
palea v. v. v.
Lunenburg Is.
G. coronata
and a Bermuda
specimen

Gracilaria
Cunninghamii
on Mrs. Hall's
specimen is
marked Rhodysma
Brykhanii Farlow,
I do not remember

ever to have given
this name to
anything. This
is only the
Californian
G. multipartita.

Gracilaria
tridactyla is
nothing more
than *G. multipartita*
var. *angustissima*
and Hooper's
specimens and
mine of var.
angustissima
are part of them

part under *Q.*
compressa and
part under *Q.*
tridactyla although
they are all the
same

Gracilona
intermedia
seems to be
Q. intermedia
compressa

Gracilareo cuneata
cuneata
my Mauritius
34a

Gracilona
lunosa Santo
Cruz. W. I. no. 4, 6, 11, 13

Gracilaria
danneecornis
Bermuda. 11 & 19
Florida several
numbers

Gracilaria
arcuata as
Harvey's *G.*
armata of
Key West

Leptocladia
Binghamal
was only a very
small fragment
looking like a
P. Mea.

Chrysomela
cutiloba, 3 specimens
pieces from
Mrs. Hall. Marked
also *C. planifrons*
Indian River. Thin
adhering to paper
yellowish.

Liagora pulvulentis
same as my Key
West specimens

Liagora opposita
branches really
opposite one
specimen from
Mrs. Curtis

Lycopodium
one very regularly
branching mark
L. valde Horn?

Lycopodium chepensis
includes my 76.

Lycopodium complanatum
Bermuda, Farlow
is red like
Chepensis but
short and
regularly decussate-
ous.

Lycopodium paniculatum
Curtis. 1 specimen

Liagrea cumulata
includes L.

caenomyce,
Ni Poer. Exh. Exh.

Helminthoglossum
batrachopneust.
specimen from
Santa Barbara
~~the~~



Helminthoglossum
schrammii is
very broad flag
dust yellow looking

like a Gratia, with
with few distinct
branches

Helminthopsis
verticillifera
marked as *H.*
divaricata. One
large beautiful
specimen clearly
branching beautiful
rose color, rather
stout axis and
branches and
slender tips

Nematode alter-
natum (*Dermoneura*
dichotoma Gr.)

China is kept
in *n. alternatum*

Hemalia vicius
one small (2 inch
high) regularly
deciduous
lobellate green
yellow from
Seichman, ew-
dently old.

Chrysomela
Hainfrons Key
West. Melville,
Faded, looks
like *Chrysomela*

Agardhii & I believe
I have it from
Melville as
C. Agardhii, or
perhaps *Halymus*
Flourensii

Nitophyllum
ocellatum is
the Florida form

Nitophyllum
multibolum
specimens are
small and not
characteristic

Nit. Fagacearum
like mine

Is not Nitro-
phyllum, Neuro-
glossum same
as Nitatisium

One doubtful
Nitrophyllum
laccatum from
Florida

Nitrophyllum
violaceum
= 10 algae BGA

Nitophyllum
Farlowianum
is the largest
form of N. Re-
brechtianum.

Nit. Farlowianum
var. seems to
me to be rather
N. violaceum

Nitophyllum
strobiliforme
is young
N. Rebrechtianum,

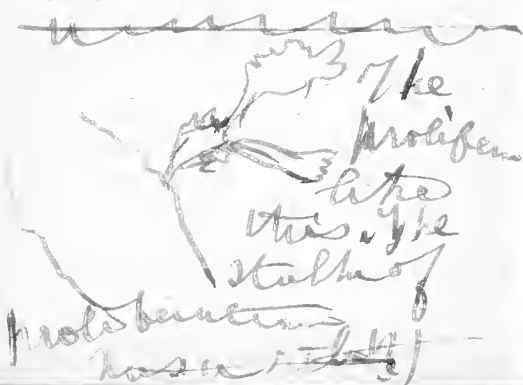
Nitophyllum
marginatum
92 this prolificus
Ruprechtianum
an involucre?
Newer the former

My 14 Australia
Necropatum
^{topus}
is kept as such.

Budhamia
nitophylloides
same as mine

Delesseria
nitomelia, 1

specimen from
Esquimaux,
3 inches x 2 inches
or a little more
It is a prothecous
fragment of
something and
venation does
not look like
Dicleria



The stalk of
proliferatens
has perhaps
died. I have
no specimens.

Delesseria
guineifolia,
retains the
Californian
form.

Delesseria Woodii
Dunwoode is
my plant.

Delesseria
Californica, the

very small
purple form (8)
from Dindur was
it is narrow
nearly $\frac{1}{4}$ inch
caespitose and
little branched
and has lost
for fragments
a young plant.

Delesseria
hemisphaera
my small
Kerguelen
Delesseria

In *Dolesseria*
spiralosa is
not my *D.*
montagnei &
D. alata Ungava
Bay and a
Dolesseria
from Esquimaux,

Dolesseria
alata includes
my 140 alga from
Bor and
Santa Barbara
D. alata

My Callithamnion
Barroet is in
Barroet cover.

Callithamnion
Pavanserianum

1 specimen
marked C,

Thyridites

Esguimault

Harvey, No

Specimen of
Call. venus -
to specimen

in Herb. Agardh

C. Vancouverian
is distichous
3-4 pinnate
ultimate
branches not
coriaceous and
hardly leathery

Lagotis
Thestris I
have never
seen before
Does not look
like *Azardus*
figure leaves

smooth, flat
entire shiny,
resembling
small alder
leaves and
well named
by Chaumie
in Herb. Lary,
buxifolium.

Ficus Michx-
housii. One
specimen from
De la Pylai
like my sales
of Shoals plant.
This is not

Agardhs Green
land Melanurus
whats is costus
etc. The Melan-
nurus may
be *M. distans*
~~There is one~~
specimen
called Melan-
nurus from
Agardh's,

Fucus furcatus
all small
specimens
from California

Largosum
leveligenum
Bermuda
Harrington
Island.

Narrow Lar-
gosum attached
to rocks in
bay, Bermuda
"Larg. limfolium"
said to be
rather Larg.
subcylindricum

The very narrow

curved rigid
at right
angles to
stem of which
I have a
very little
from Cuba

British Museum.
and specimen of
Crossocarpus
are three specimens
from J. E. Gray,
one marked
Callophyllum laevig-
atum (?) put in
Crossocarpus
with doubt.
The specimens
do not look
like figure of
Crossocarpus
but appear to
be forms of *Callo-*
phyllum laevigatum

There is a
note by Edwin
Mearns marked
*Clitocybe sub-
pulverulenta*
which looks
like *Clitocybe
morhefascia*
Peck. No note
as to whether
it is edible or
not.

M. me Webee.
Eerbeek.

- Beechy Vagary
I have 5 parts,
Bot. Centralblatt
LXXXI. wants
Index after XVI.
Beechy Collection
curieuses des
Champignons
1792.

Bertoloni } Bay
amoenitates }
Italici }
Gümbel. die so
genannten Mollusken

Guard. Court

Recd. 5. Aug. 1889.

Lundmark an
travels

Klücker's

What names
of Desmaziere
in my library
from Proc. Soc. Lill

J. Hooper. Intro-
duction to
Algebra. Oct. 1859.

Mlle Anna Vikes
84 Rue Lauriston
Rue of Lave
for Meyers

